

Serial No. 10/666,915
Docket No. STD 1184 PA/41213.541

Amendments to the Claims

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The following listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A security document comprising:
a single layer substrate; and
a plurality of coatings layered onto said substrate, said plurality of coatings comprising:
a first security coating disposed on said substrate; and
a second security coating disposed on said first security coating, wherein one of
said security coatings is a solvent-sensitive coating and another of said
security coatings is an abrasion-sensitive coating such that attempts at
tampering with said document produce notorious indicia of such
tampering such that said notorious indicia of tampering in said first
coating is different than said notorious indicia of tampering in said second
coating.
2. (Previously Presented) The document of claim 1, wherein said notorious indicia of
tampering comprises a predetermined pattern formed by at least one of said coatings.
3. (Original) The document of claim 2, wherein said predetermined pattern comprises a
warning phrase.
4. (Original) The document of claim 1, wherein said substrate comprises a tear-resistant
laminate.
5. (Original) The document of claim 4, wherein said tear-resistant laminate comprises a
layer of film sandwiched between a pair of paper layers.

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6. (Original) The document of claim 1, further comprising a third security coating disposed adjacent one of said first or second security coatings, said third security coating configured to provide supplemental solvent protection.
7. (Original) The document of claim 6, wherein said third security coating comprises a tinted water-based flexographic ink.
8. (Original) The document of claim 7, wherein said water-based flexographic ink comprises approximately ten to forty percent liquid dye, approximately ten to ninety percent water-soluble binder, and up to approximately one percent surface additive.
9. (Original) The document of claim 6, wherein said third security coating is configured to be sensitive to at least a solution containing phosphoric acid.
10. (Original) The document of claim 1, wherein said first security coating is a solvent-sensitive coating.
11. (Original) The document of claim 10, wherein said solvent-sensitive coating is also configured to activate upon the application of an elevated temperature to said document.
12. (Original) The document of claim 1, further comprising additional security indicia disposed either in or adjacent one of said security coatings or said substrate.
13. (Original) The document of claim 12, wherein said additional security indicia comprises thermochromic ink.
14. (Original) The document of claim 13, wherein said thermochromic ink comprises an uppermost layer of said document.

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15. (Original) The document of claim 12, wherein said additional security indicia is selected from the group consisting of laid lines, microprinting, photochromic inks, fluorescent fibers, fluorescent inks, optical variable inks, bar codes, pantographs and secure fonts.
16. (Original) The document of claim 1, further comprising a folding region on said substrate such that upon folding said document along a portion thereof that defines said folding region, said document assumes a substantially coextensive two-layer configuration.
17. (Original) The document of claim 16, wherein said document comprises a fold line printed on or formed in said document to define said folding region.
18. (Original) The document of claim 1, wherein a printable surface defined substantially by one of said security coatings is configured to accept printed indicia thereon.
19. (Original) The document of claim 18, wherein said printed indicia is in the form of ink jet printing.
20. (Original) The document of claim 18, wherein said printed indicia is in the form of thermal transfer printing.
21. (Original) The document of claim 1, further comprising additional security indicia disposed on an opposite surface of said substrate from said first and second security coatings.
22. (Original) The document of claim 21, wherein said additional security indicia comprises copy-evident indicia.
23. (Original) The document of claim 21, wherein said additional security indicia comprises a bar code.
24. (Original) The document of claim 1, wherein said document is a driver's permit.

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25. (Original) The document of claim 24, wherein said driving permit is a temporary driver's license.
26. (Original) The document of claim 1, wherein said document forms a separable portion along at least one line of weakness.
27. (Original) The document of claim 26, wherein said at least one line of weakness comprises a full die cut.
28. (Original) The document of claim 26, wherein said at least one line of weakness comprises a perforated die cut.
29. (Original) The document of claim 1, wherein said substrate comprises a cut sheet.
30. (Original) The document of claim 1, wherein said substrate comprises a continuous roll or flat pack.
31. (Original) The document of claim 1, wherein said first and second security coatings each form a discrete layer adjacent to one another.
32. (Original) The document of claim 1, wherein said abrasion-sensitive coating is pervious to solvents that would activate said solvent-sensitive coating.
33. (Currently Amended) A security document comprising:
a single layer of tear-resistant laminate substrate;
a plurality of coatings layered onto said substrate, said plurality of coatings comprising:
a solvent-sensitive coating disposed on said substrate; and
an abrasion-sensitive coating disposed on said solvent-sensitive coating, said abrasion-sensitive coating configured to receive printed indicia thereon, said document configured such that attempted tampering therewith produces notorious indicia of such tampering by at least one of said

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abrasion-sensitive coating and said solvent-sensitive coating, and wherein said abrasion-sensitive coating and said solvent-sensitive coating are configured such that said notorious indicia of tampering is different in each; and

additional security indicia disposed on at least one surface of said substrate, wherein said additional security indicia is different than said notorious indicia of tampering produced in either of said abrasion-sensitive coating and said solvent-sensitive coating.

34. (Previously Presented) The document of claim 33, wherein said additional security indicia comprises a warning message on a reproduced document produced by said copying.

35. (Original) The document of claim 33, wherein said substrate defines a top surface upon which said solvent-sensitive coating is disposed and a bottom surface opposite said top surface.

36. (Previously Presented) The document of claim 35, wherein said additional security indicia is disposed on said bottom surface.

37. (Original) The document of claim 36, wherein said additional security indicia is selected from the group consisting of thermochromic ink, bar codes, pantographs, laid lines, microprinting, photochromic inks, fluorescent fibers, fluorescent inks, optical variable inks and secure fonts.

38. (Previously Presented) The document of claim 35, wherein said additional security indicia is disposed on said top surface.

39. (Original) The document of claim 38, wherein said additional security indicia is selected from the group consisting of thermochromic ink, bar codes, pantographs, laid lines, microprinting, photochromic inks, fluorescent fibers, fluorescent inks, optical variable inks and secure fonts.

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40. (Original) The document of claim 33, wherein said tear-resistant laminate comprises a layer of film sandwiched between a pair of paper layers.

41. (Original) The document of claim 33, wherein said additional security indicia comprises an additional solvent-sensitive coating, said additional solvent-sensitive coating disposed on said abrasion-sensitive coating.

42. (Original) The document of claim 41, wherein the composition of said additional solvent-sensitive coating is different than said solvent-sensitive coating disposed against said substrate.

43. (Currently Amended) A driver's permit comprising:

a single layer of tear-resistant laminate substrate;

a plurality of coatings layered onto said substrate, said plurality of coatings comprising:

a solvent-sensitive coating disposed on said substrate; and

an abrasion-sensitive coating disposed on said solvent-sensitive coating such that attempted tampering with said driver's permit produces notorious indicia of such tampering in at least one of said coatings, wherein said notorious indicia of tampering in said solvent-sensitive coating is different than said notorious indicia of tampering in said abrasion-sensitive coating; and

printed indicia disposed over said abrasion-sensitive coating, said printed indicia comprising fixed text, variable text and a picture.

44. (Previously Presented) The driver's permit of claim 43, further comprising additional security indicia disposed on at least one surface of said substrate.

45. (Original) The driver's permit of claim 43, wherein said driver's permit is a temporary driver's license.

46. (Original) The driver's permit of claim 44, wherein said additional security indicia is selected from the group consisting of thermochromic ink, bar codes, pantographs, laid lines,

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microprinting, photochromic inks, fluorescent fibers, fluorescent inks, optical variable inks, secure fonts and additional solvent-sensitive coatings

47. (Original) The driver's permit of claim 44, wherein said substrate comprises a folding region therein such that upon folding said driver's permit along said folding region, said driver's permit assumes a substantially coextensive two-layer configuration where said printed indicia is disposed on both layers of said two-layer configuration.

48. (Original) The driver's permit of claim 44, wherein said substrate forms a separable portion along at least one line of weakness.

49. (Original) The driver's permit of claim 48, wherein said at least one line of weakness comprises a perforated die cut.

50. (Withdrawn) A method of making a security document, said method comprising:
preparing a substrate to accept a plurality of security coatings thereon;
configuring a first security coating and a second security coating such that one of said security coatings is a solvent-sensitive coating and another of said security coatings is an abrasion-sensitive coating whereby attempts at tampering with said document activate at least one of said security coatings to produce notorious indicia of such tampering on said document;
depositing said first security coating on said substrate; and
depositing said second security coating on said first security coating.

51. (Withdrawn) The method of claim 50, wherein said step of configuring said substrate comprises configuring a tear-resistant laminate.

52. (Withdrawn) The method of claim 51, wherein said tear-resistant laminate comprises a layer of film sandwiched between a pair of paper layers.

53. (Withdrawn) The method of claim 52, comprising the additional step of printing indicia on said security document.

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54. (Withdrawn) The method of claim 53, wherein said printed indicia comprises comprising fixed text, variable text and a picture.
55. (Withdrawn) The method of claim 52, wherein said document is configured as a driver's permit.
56. (Withdrawn) The method of claim 52, comprising the additional step of depositing additional security indicia on said document.
57. (Withdrawn) The method of claim 56, wherein said additional security indicia is selected from the group consisting of thermochromic ink, bar codes and pantographs.
58. (Withdrawn) The method of claim 56, wherein said additional security indicia comprises an additional solvent-sensitive coating configured to be disposed on said abrasion-sensitive coating.
59. (Withdrawn) The method of claim 58, comprising the additional step of configuring said additional solvent-sensitive coating to be sensitive to at least a solution containing phosphoric acid.
60. (Previously Presented) The document of claim 2, wherein portions of said first and second coatings that contain said notorious indicia of tampering are substantially superimposed such that said notorious indicia from each of said first and second coatings can appear within a common projected area defined on said substrate.
61. (Previously Presented) The document of claim 60, wherein said substantially superimposed first and second coatings are disposed on only a portion of said document.
62. (Previously Presented) The document of claim 60, wherein said notorious indicia of tampering formed by at least one of said first and second coatings is substantially pattern-free.

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63. (Previously Presented) The document of claim 62, wherein said notorious indicia of tampering formed by said first layer comprises a predetermined pattern and said notorious indicia of tampering formed by said second layer is substantially pattern-free.

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